

Name \_\_\_\_\_ Date \_\_\_\_\_ Hour \_\_\_\_\_

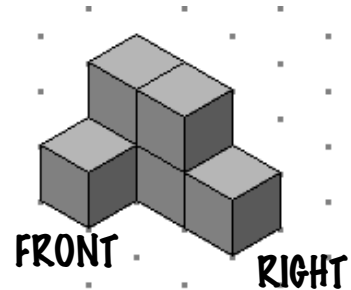
## Module 6: CORRECTIVES

### Section 6:1:1 Cubes and Prisms

For exercises 1 – 6, assume that the figure at the right is made of centimeter cubes.

1) Find the surface area.

2) Find the volume.



### Section 6:1:2 Points of View

For exercises 3 – 6, draw the front-right, front-left, back-right, & back-left views of the figure above

3) Front-Right

4) Front-Left

5) Back-Right

6) Back-Left

Draw flat views of the figure from each of the following viewpoints:

7) Front

8) Back

9) Left

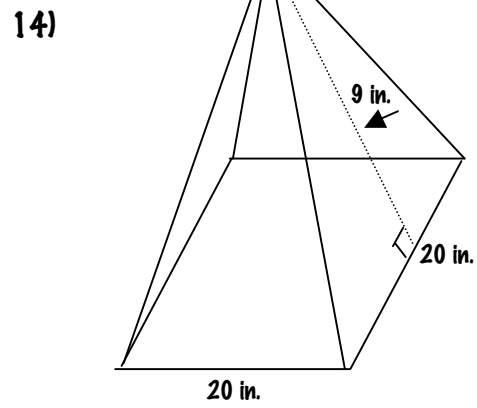
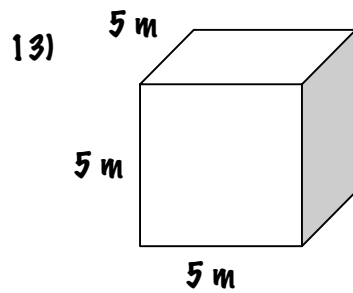
10) Right

11) Top

12) Bottom

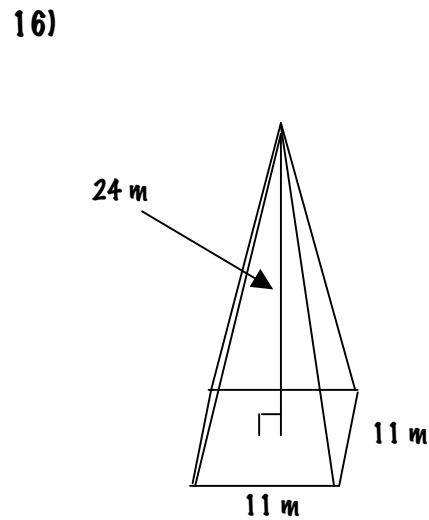
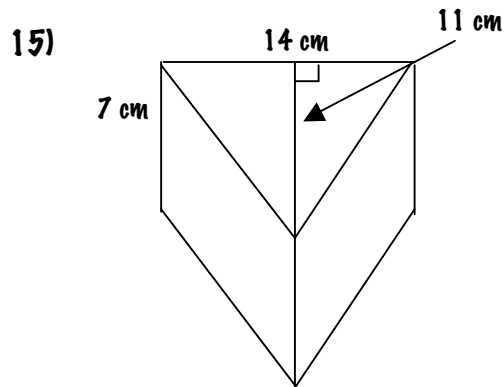
### 6:3:1 Surface Area of 3-D Figures

Find the Surface Area of each figure.



### 6:3:2 Volume of Prisms, Pyramids and Cones

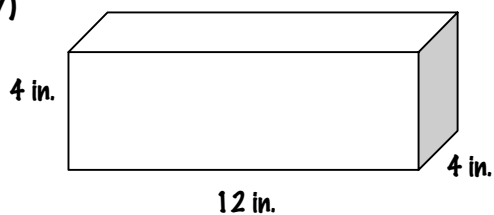
Find the Volume of each figure.



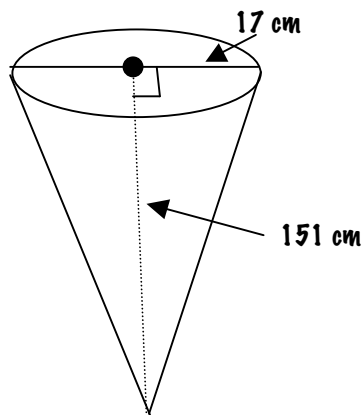
### 6:3:2 Volume of Prisms, Pyramids and Cones

Find the Volume of each figure.

17)



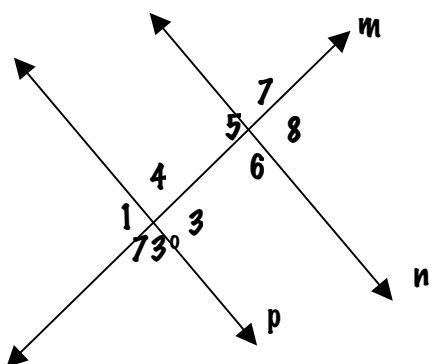
18)



### 6:4:1 Parallel Lines and Transversals

In the diagram, line  $p$  is parallel to line  $n$ . Line  $m$  is a transversal.

Find the measure of each angle and explain how you know.



Angle Measure	Explanation
19) $m\angle 1 =$ _____	
20) $m\angle 4 =$ _____	
21) $m\angle 6 =$ _____	
22) $m\angle 7 =$ _____	

23) Name one pair of vertical angles.

24) Name one pair of corresponding angles.

25) Name one pair of alternate interior angles.

26) Name one pair of alternate exterior angles.

## 6:6:1 Scale Drawings

Use the given scale to find the missing dimensions.

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27) A school is 50 feet high. Find the height of the school in a scale drawing if the scale is  $\frac{0.5 \text{ in.}}{10 \text{ ft.}}$

28) The dimensions of a dining room are 15 ft. by 10 ft. The scale in a scale drawing of the room is  $\frac{2 \text{ in.}}{1 \text{ ft.}}$ . Find the dimensions of the room in the scale drawing.